L Number	Hits	Search Text	DB	Time stamp
1	2	(("5500273") or ("5551959")).PN.	USPAT	2003/04/10 13:47
2	2	451/$.ccls. and ((loose adj abrasive) with (damage))	USPAT	2003/04/10 15:05
3	1	("4981717").PN.	USPAT	2003/04/10 14:09
4	785	451/$.ccls. and (damage or scrach) with (workpiece or wafer)	USPAT	2003/04/10 14:39
5	21	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and loose adj abrasives	USPAT	2003/04/10 14:56
6	13	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and abrasive adj free	USPAT	2003/04/10 14:52
7	1	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and broken adj abrasive	USPAT	2003/04/10 14:55
9	78	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and composite	USPAT	2003/04/10 15:02
10	0	((451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and composite) and abrasive adj fee	USPAT	2003/04/10 14:53
8	14	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and abrasive adj articles	USPAT	2003/04/10 14:54
12	0	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and freed adj abrsive	USPAT	2003/04/10 14:56
13	1	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and freed adj abrasive	USPAT	2003/04/10 14:56
14	0	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and loose adj grain	USPAT	2003/04/10 14:56
15	14	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and loose adj particles	USPAT	2003/04/10 14:57
11	82	((451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and abrasive adj articles) or ((451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and composite)	USPAT	2003/04/10 15:00
16	0	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and dislogged	USPAT	2003/04/10 15:04
17	49	(451/$.ccls. and (damage or scrach) with (workpiece or wafer)) and dislodged	USPAT	2003/04/10 15:04
18	0	451/$.ccls. and (((loose adj abrasive) with (damage)) with dislodge)	USPAT	2003/04/10 15:05
19	0	451/$.ccls. and (((loose adj abrasive) with (damage)) with dislodged)	USPAT	2003/04/10 15:05
20	5	("4198887" | "4401003" | "4567802" | "5626509" | "5842912").PN.	USPAT	2003/04/10 15:10
99	3	(("5201916") or ("4842937") or ("4992082")).PN.	USPAT	2003/04/10 15:46
102	233	shakeri.xa.	USPAT	2003/04/10 16:25
-	156	451/$.ccls. and abrasive adj article	USPAT; US-PGPUB	2001/12/12 11:49
-	127	(451/$.ccls. and abrasive adj article) and backing	USPAT; US-PGPUB	2001/12/12 11:49
-	90	((451/$.ccls. and abrasive adj article) and backing) and binder	USPAT; US-PGPUB	2001/12/12 12:09
-	53	(((451/$.ccls. and abrasive adj article) and backing) and binder) and carbon	USPAT; US-PGPUB	2001/12/12 12:10
-	4	(((451/$.ccls. and abrasive adj article) and backing) and binder) and carbon adj coating	USPAT; US-PGPUB	2001/12/12 12:23
-	0	(((451/$.ccls. and abrasive adj article) and backing) and binder) and diamond adj coating	USPAT; US-PGPUB	2001/12/12 12:14
-	78	(((451/$.ccls. and abrasive adj article) and backing) and binder) and diamond	USPAT; US-PGPUB	2001/12/12 12:14
-	0	(((451/$.ccls. and abrasive adj article) and backing) and binder) and diamond adj coating	USPAT; US-PGPUB	2001/12/12 12:14
-	0	(((451/$.ccls. and abrasive adj article) and backing) and binder) and diamond with superposed	USPAT; US-PGPUB	2001/12/12 12:14
-	9	(((451/$.ccls. and abrasive adj article) and backing) and binder) and diamond with binder	USPAT; US-PGPUB	2001/12/12 12:14

-	4	(451/$.ccls. and abrasive adj article) and carbon adj coating	USPAT; US-PGPUB	2001/12/12 12:21
-	0	(((451/$.ccls. and abrasive adj article) and backing) and binder) and DLC	USPAT; US-PGPUB	2001/12/12 12:23
-	0	(((451/$.ccls. and abrasive adj article) and backing) and binder) and "DLC"	USPAT; US-PGPUB	2001/12/12 12:24
-	0	(451/$.ccls. and abrasive adj article) and "DLC"	USPAT; US-PGPUB	2001/12/12 12:24
-	0	(451/$.ccls. and abrasive adj article) and plasmon	USPAT; US-PGPUB	2001/12/12 13:13
-	1	("5885149").PN.	USPAT; US-PGPUB	2001/12/12 13:14
-	57	51/$.ccls. and diamond adj carbon	USPAT; US-PGPUB	2001/12/12 13:18
-	26	51/$.ccls. and carbon adj coating	USPAT; US-PGPUB	2001/12/12 13:24
-	4	(51/$.ccls. and carbon adj coating) and plasmon	USPAT; US-PGPUB	2001/12/12 13:58
-	0	((51/$.ccls. and carbon adj coating) and plasmon) and backing and binder and protrusions	USPAT; US-PGPUB	2001/12/12 13:59
-	2	((51/$.ccls. and carbon adj coating) and plasmon) and backing and binder	USPAT; US-PGPUB	2001/12/12 14:06
-	2	(("5152917") or ("5304223")).PN.	USPAT; US-PGPUB	2001/12/12 14:08
-	37	"2" and truncated	USPAT; US-PGPUB	2001/12/12 14:08
-	0	((("5152917") or ("5304223")).PN.) and truncated	USPAT; US-PGPUB	2001/12/12 14:08
-	24	(("6217413") or ("6123612") or ("6110015") or ("5975988") or ("5958794") or ("5924917") or ("5908477") or ("5820450") or ("5733178") or ("5910471") or ("6087025") or ("5711773") or ("5707409") or ("5690705") or ("5628952") or ("5551959") or ("5549962") or ("5500273") or ("5643343") or ("6319108") or ("6312315") or ("6217432") or ("6155910") or ("5328761")).PN.	USPAT; US-PGPUB	2001/12/12 14:30
-	15	((("6217413") or ("6123612") or ("6110015") or ("5975988") or ("5958794") or ("5924917") or ("5908477") or ("5820450") or ("5733178") or ("5910471") or ("6087025") or ("5711773") or ("5707409") or ("5690705") or ("5628952") or ("5551959") or ("5549962") or ("5500273") or ("5643343") or ("6319108") or ("6312315") or ("6217432") or ("6155910") or ("5328761")).PN.) and truncated	USPAT; US-PGPUB	2001/12/12 14:30
-	1962	binder with abrasive	USPAT	2002/04/23 12:49
-	8058	binder with free	USPAT	2002/04/23 13:19
-	242	(binder with abrasive) and (binder with free)	USPAT	2002/04/23 12:49
-	135	((binder with abrasive) and (binder with free)) and backing	USPAT	2002/04/23 12:49
-	16	binder with (free adj abrasive)	USPAT	2002/04/23 15:39
-	22	("0449930" | "0875936" | "3339319" | "3362845" | "3459153" | "3621615" | "4025671" | "4344989" | "4356216" | "4356217" | "4381726" | "4565034" | "4644703" | "4734104" | "4737163" | "4930266" | "4951423" | "5048453" | "5107626" | "5152917" | "5307954" | "5366523").PN.	USPAT	2002/04/23 13:37
-	0	6277160.URPN.	USPAT	2002/04/23 13:38
-	0	binder adj (free adj abrasive)	USPAT	2002/04/23 13:43
-	377	binder adj (abrasive)	USPAT	2002/04/23 13:40
-	732	diamond adj coating	USPAT	2002/04/23 13:40
-	6	(binder adj (abrasive)) and (diamond adj coating)	USPAT	2002/04/23 13:40
-	1	binder adj (without adj abrasive)	USPAT	2002/04/23 13:44
-	14	binder with (without adj abrasive)	USPAT	2002/04/23 16:45
-	2684	diamond$like	USPAT	2002/04/23 14:22
-	1780	diamond$like adj carbon	USPAT	2002/04/23 14:22

-	0	(hardened adj binder) and (diamond$like adj carbon)	USPAT	2002/04/23 14:22
-	0	(hardened adj binder) and diamond$like	USPAT	2002/04/23 14:22
-	153	hardened adj binder	USPAT	2002/04/23 14:23
-	7	((hardened adj binder) and 451/$.ccls.) or ((hardened adj binder) and 51/$.ccls.)	USPAT	2002/04/23 14:24
-	22	("0449930" | "0875936" | "3339319" | "3362845" | "3459153" | "3621615" | "4025671" | "4344989" | "4356216" | "4356217" | "4381726" | "4565034" | "4644703" | "4734104" | "4737163" | "4930266" | "4951423" | "5048453" | "5107626" | "5152917" | "5307954" | "5366523").PN.	USPAT	2002/04/23 15:11
-	121	abrasive adj composites	USPAT	2002/04/23 15:42
-	1780	diamond$like adj carbon	USPAT	2002/04/23 15:58
-	8	(abrasive adj composites) and (diamond$like adj carbon)	USPAT	2002/04/23 16:16
-	791	diamond$like adj carbon	JPO	2002/04/23 15:58
-	10	(diamond$like adj carbon) and binder	JPO	2002/04/23 16:02
-	3	(("6234875") or ("6126533") or ("6332832")).PN.	USPAT	2002/04/23 16:03
-	11	("4055029" | "4059929" | "5127197" | "5525100" | "5584146" | "5692950" | "5853317" | "5913713" | "5922620" | "5958794" | "6126531").PN.	USPAT	2002/04/23 16:03
-	15	("4244775" | "4732648" | "5152917" | "5399528" | "5578362" | "5609517" | "5643044" | "5692950" | "5759427" | "5759917" | "5778481" | "5791969" | "5975988" | "6022268" | "6056794").PN.	USPAT	2002/04/23 16:09
-	70	("Re26403" | "1910444" | "2328998" | "2682734" | "2826776" | "2845648" | "2878048" | "2984053" | "3016554" | "3041156" | "3076219" | "3090061" | "3134122" | "3146560" | "3233272" | "3260582" | "3270467" | "3522342" | "3547608" | "3562968" | "3618154" | "3632320" | "3667170" | "3696563" | "3755847" | "3947169" | "4311489" | "4314827" | "4507361" | "4585464" | "4623364" | "4627950" | "4652275" | "4744802" | "4770671" | "4799939" | "4875259" | "4881951" | "4945687" | "4964883" | "4997461" | "5009675" | "5011508" | "5025596" | "5042991" | "5045091" | "5077870" | "5129197" | "5152917" | "5170593" | "5174795" | "5187904" | "5209760" | "5213591" | "5216847" | "5232470" | "5233719" | "5233794" | "5279079" | "5304223" | "5316812" | "5331775" | "5363604" | "5400458" | "5427595" | "5443906" | "5460883" | "5525100" | "5849052" | "5903951").PN.	USPAT	2002/04/23 16:14
-	0	(hardened adj binder) and (diamond$like adj carbon)	USPAT	2002/04/23 16:16
-	5	(hardened adj binder) and 51/$.ccls.	USPAT	2002/04/23 16:17
-	2	(hardened adj binder) and 451/$.ccls.	USPAT	2002/04/23 16:21
-	1	("6179887").PN.	USPAT	2002/04/23 16:26
-	7	("3431689" | "3502453" | "4111667" | "4381188" | "4543106" | "5306319" | "5380347").PN.	USPAT	2002/04/23 16:34
-	3	(("5500273") or ("5551959") or ("5580647")).PN.	USPAT	2002/04/23 16:45
-	1	("3992178").PN.	USPAT	2002/04/23 18:40
-	767	abrasive adj coating	USPAT	2002/04/23 18:40
-	18	(abrasive adj coating) and coating adj consisting	USPAT	2002/04/23 18:48
-	46	(abrasive adj coating) and (free adj abrasive)	USPAT	2002/04/23 18:56
-	1	("5152917").PN.	USPAT	2002/04/23 19:17

-	22	("0449930" | "0875936" | "3339319" | "3362845" | "3459153" | "3621615" | "4025671" | "4344989" | "4356216" | "4356217" | "4381726" | "4565034" | "4644703" | "4734104" | "4737163" | "4930266" | "4951423" | "5048453" | "5107626" | "5152917" | "5307954" | "5366523").PN.	USPAT	2002/04/23 19:00
-	0	((abrasive adj coating) and (free adj abrasive)) and dlc	USPAT	2002/04/23 19:17
-	0	((abrasive adj coating) and (free adj abrasive)) and "dlc"	USPAT	2002/04/23 19:17
-	1	((abrasive adj coating) and (free adj abrasive)) and diamond$like	USPAT	2002/04/23 19:18
-	1	("5928394").PN.	USPAT	2002/04/23 19:46
-	6420261	"6319108" B1 "6312315" B1 "6277160" B1 "6217432" B1 "6217413" B1 "6183346" B1 "6179887" B1 "6155910" A "6123612" A "6110015" A "6087025" A "5975988" A "5958794" A "5928394" A "5924917" A "5910471" A "5908477" A "5820450" A "5733178" A "5725617" A "5711773" A "5707409" A "5690705" A "5681361" A643343 "5628952" "5578362" "5551959" "5549962" "5500273" "5328761" "5306319" "4627950"	USPAT	2002/04/24 11:53
-	29	(("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("0643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273 5328761 5306319 4627950")).PN.	USPAT	2002/04/24 11:56
-	33	(("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("0643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273") or ("5328761") or ("5306319") or ("4627950")).PN.	USPAT	2002/04/24 11:56

-	33	(("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("5643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273") or ("5328761") or ("5306319") or ("4627950")).PN.	USPAT	2002/04/24 11:56
-	17	((("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("5643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273") or ("5328761") or ("5306319") or ("4627950")).PN.) and truncated	USPAT	2002/04/24 12:03
-	1	("5551959").PN.	USPAT	2002/04/24 11:57
-	0	(("5551959").PN.) and truncated	USPAT	2002/04/24 11:57
-	22	(("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937")).PN.	USPAT	2002/04/24 12:06
-	1	((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937")).PN.) and truncated	USPAT	2002/04/24 12:04
-	0	((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937")).PN.) and rigid adj disk	USPAT	2002/04/24 12:04
-	2	((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937")).PN.) and disk	USPAT	2002/04/24 12:05
-	8	((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937")).PN.) and substrate	USPAT	2002/04/24 12:05

-	0	(((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937")).PN.) and 5707,409.ccls.	USPAT	2002/04/24 12:06
-	22	(((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937")).PN.) or 5707,409.ccls.	USPAT	2002/04/24 12:06
-	23	((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937") or ("5707409")).PN.	USPAT	2002/04/24 12:07
-	7	(((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937") or ("5707409")).PN.) and rigid	USPAT	2002/04/24 12:07
-	0	(((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937") or ("5707409")).PN.) and wafer	USPAT	2002/04/24 12:07
-	2	(((("5011508") or ("1910444") or ("3041156") or ("5009675") or ("4997461") or ("5042991") or ("5213591") or ("5316812") or ("4799939") or ("4652275") or ("4964883") or ("5201916") or ("4770671") or ("4881951") or ("4623364") or ("4314827") or ("4744802") or ("5152917") or ("5304223") or ("5304223") or ("5152917") or ("4974373") or ("4992082") or ("4842937") or ("5707409")).PN.) and semiconductor	USPAT	2002/04/24 12:07
-	7	("1038637").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/10/03 11:22
-	0	("96932205").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/10/03 11:30
-	1	("0932205").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/10/03 11:23
-	0	1038637.URPN.	USPAT	2002/10/03 11:24
-	1	1998-207217.NRAN.	DERWENT	2002/10/03 11:35
-	0	96932205.ap.	USPAT	2002/10/03 11:30
-	0	932205a1.ap.	USPAT	2002/10/03 11:30
-	1	1998-207217.NRAN.	DERWENT	2002/10/03 11:30
-	2	"9810896"	DERWENT	2002/10/03 11:35

-	3	"9810896"	EPO; DERWENT	2002/10/03 11:35
-	33	(("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("5643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273") or ("5328761") or ("5306319") or ("4627950")).PN.	USPAT	2002/10/03 14:06
-	11	((("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("5643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273") or ("5328761") or ("5306319") or ("4627950")).PN.) and carbon adj coating	USPAT	2002/10/03 15:16
-	1	("5152917").PN.	USPAT	2002/10/03 14:09
-	18	((("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("5643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273") or ("5328761") or ("5306319") or ("4627950")).PN.) and free adj abrasive	USPAT	2002/10/03 15:16
-	0	451/$.ccls. and (structured and abrasive) adj composite	USPAT	2002/10/03 15:32
-	0	451/$.ccls. and (structured and abrasive) adj article	USPAT	2002/10/03 15:02
-	0	(structured and abrasive) adj article	USPAT	2002/10/03 15:02
-	1362	structured and abrasive	USPAT	2002/10/03 15:02
-	22	451/$.ccls. and (structured adj abrasive) adj article	USPAT	2002/10/03 15:03
-	2	(451/$.ccls. and (structured adj abrasive) adj article) and carbon adj coating	USPAT	2002/10/03 15:03
-	6	(((("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("5643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273") or ("5328761") or ("5306319") or ("4627950")).PN.) and free adj abrasive) and carbon adj coating	USPAT	2002/10/03 15:15

-	6	`(((("6319108") or ("6312315") or ("6277160") or ("6217432") or ("6217413") or ("6183346") or ("6179887") or ("6155910") or ("6123612") or ("6110015") or ("6087025") or ("5975988") or ("5958794") or ("5928394") or ("5924917") or ("5910471") or ("5908477") or ("5820450") or ("5733178") or ("5725617") or ("5711773") or ("5707409") or ("5690705") or ("5681361") or ("5643343") or ("5628952") or ("5578362") or ("5551959") or ("5549962") or ("5500273") or ("5328761") or ("5306319") or ("4627950"))).PN.) and carbon adj coating) and free adj abrasive`	USPAT	2002/10/03 15:16
-	47	`451/$.ccls. and (abrasive with contaminate)`	USPAT	2002/10/03 16:15
-	11	`("1255525" | "1994604" | "2899288" | "3136614" | "3229425" | "3230672" | "3306718" | "3607159" | "4576612" | "4600073" | "4682444").PN.`	USPAT	2002/10/03 15:37
-	24	`5109638.URPN.`	USPAT	2002/10/03 15:39
-	1	`("5928394").PN.`	USPAT	2002/10/03 16:15
-	1	`("5435816").PN.`	USPAT	2002/10/04 08:11
-	3	`(("5658184") or ("5672097") or ("6076248")).PN.`	USPAT	2002/10/04 08:14
-	77	`451/$.ccls. and (abrasive adj composite)`	USPAT	2002/10/04 08:49
-	46	`(451/$.ccls. and (abrasive adj composite)) and abrasive with free`	USPAT	2002/10/04 08:25
-	1	`("5152917").PN.`	USPAT	2002/10/04 08:25
-	117	`451/$.ccls. and (consisting adj essentially).clm.`	USPAT	2002/10/04 08:49
-	3	`(451/$.ccls. and (consisting adj essentially).clm.) and abrasive adj composite`	USPAT	2002/10/04 08:51
-	5	`(451/$.ccls. and (consisting adj essentially).clm.) and 451/56.ccls.`	USPAT	2002/10/04 08:52
-	21	`(451/$.ccls. and (consisting adj essentially).clm.) and 451/41.ccls.`	USPAT	2002/10/04 08:52